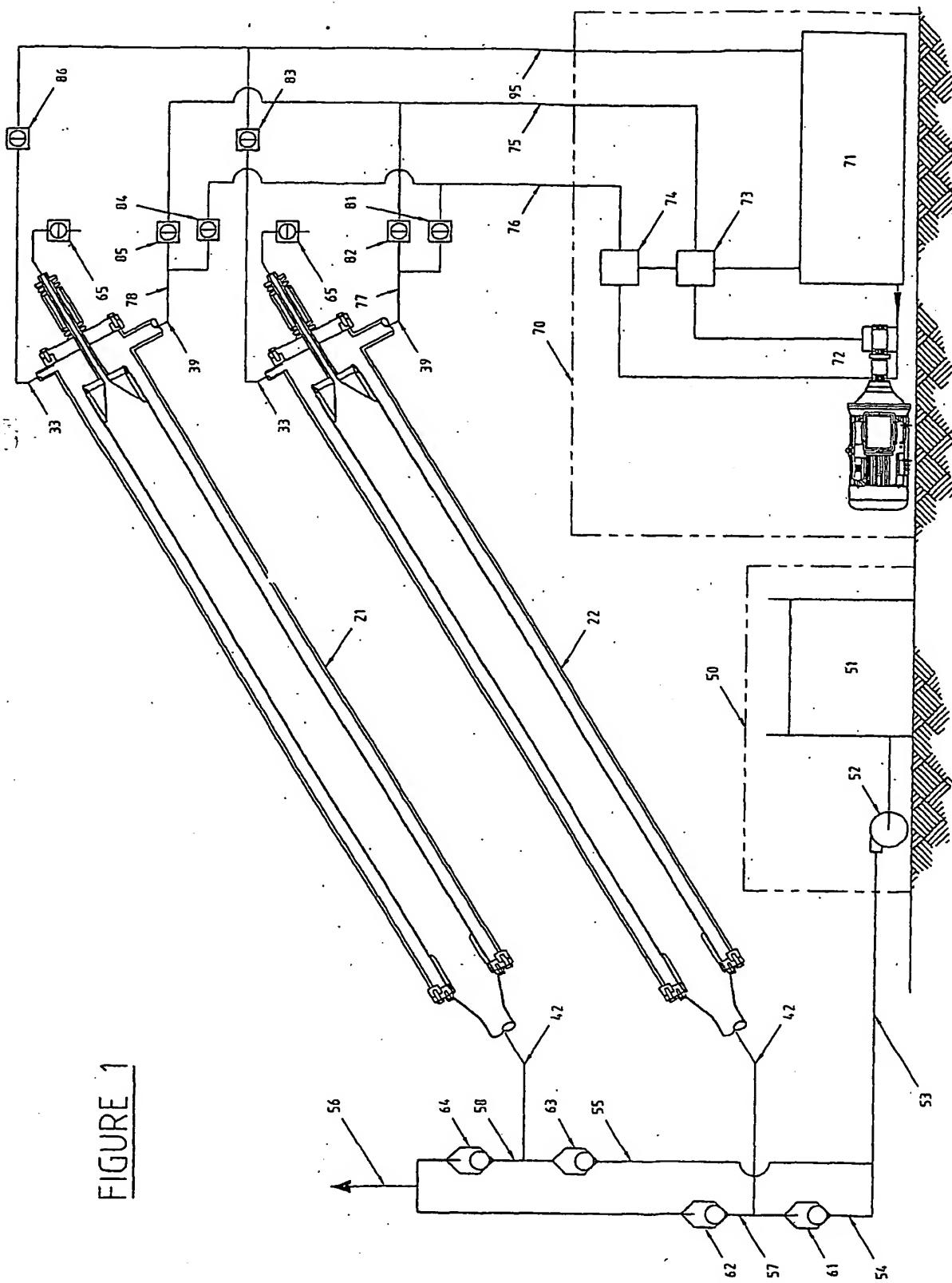


10/522732

WO 2004/011806

PCT/AU2003/000953

1/15



SUBSTITUTE SHEET (RULE 26)

10/522732

WO 2004/011806

PCT/AU2003/000953

2/15

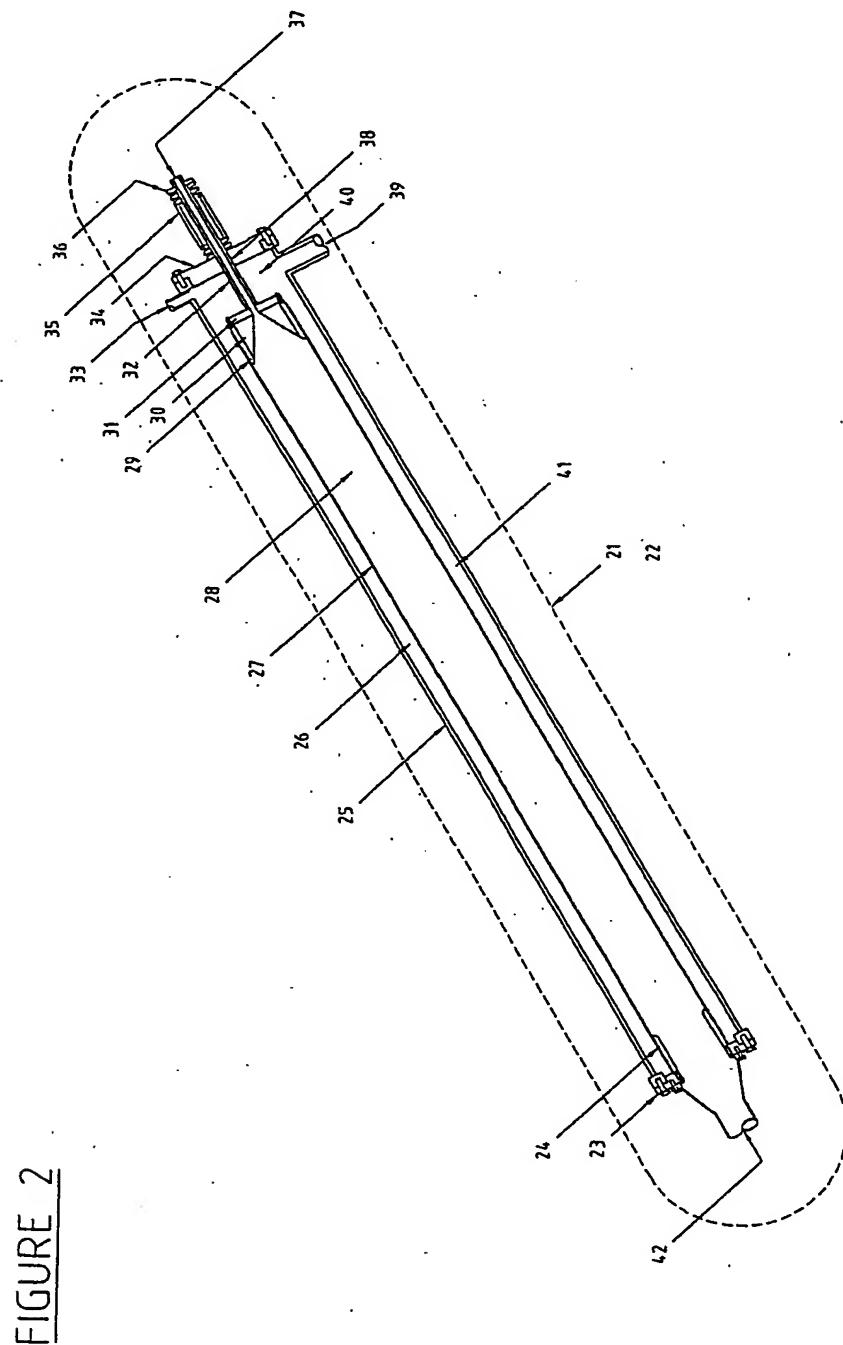


FIGURE 2

SUBSTITUTE SHEET (RULE 26)

10/522732

WO 2004/011806

PCT/AU2003/000953

3/15

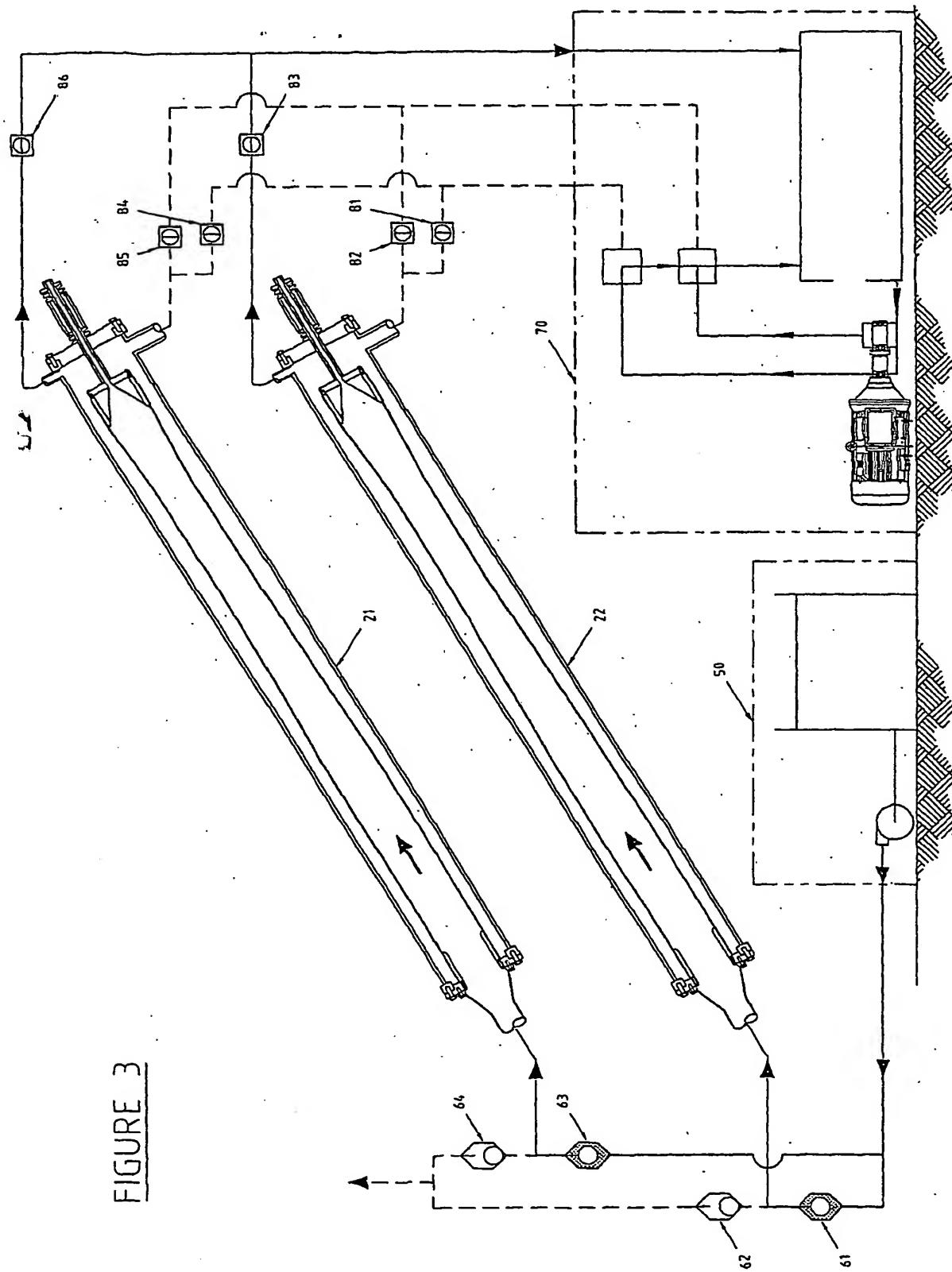


FIGURE 3

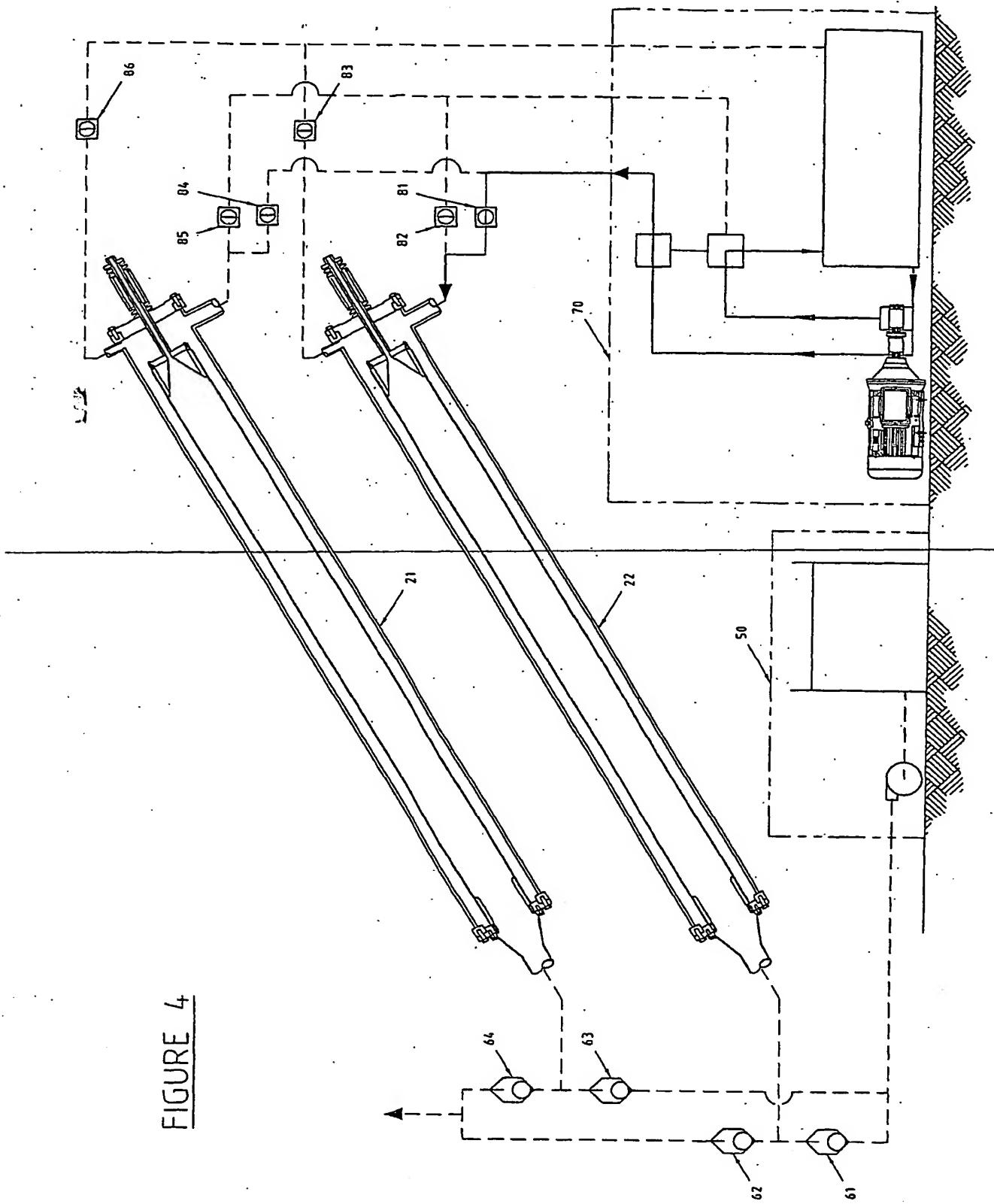
SUBSTITUTE SHEET (RULE 26)

10/522732

WO 2004/011806

PCT/AU2003/000953

4/15



10/522732

WO 2004/011806

PCT/AU2003/000953

5/15

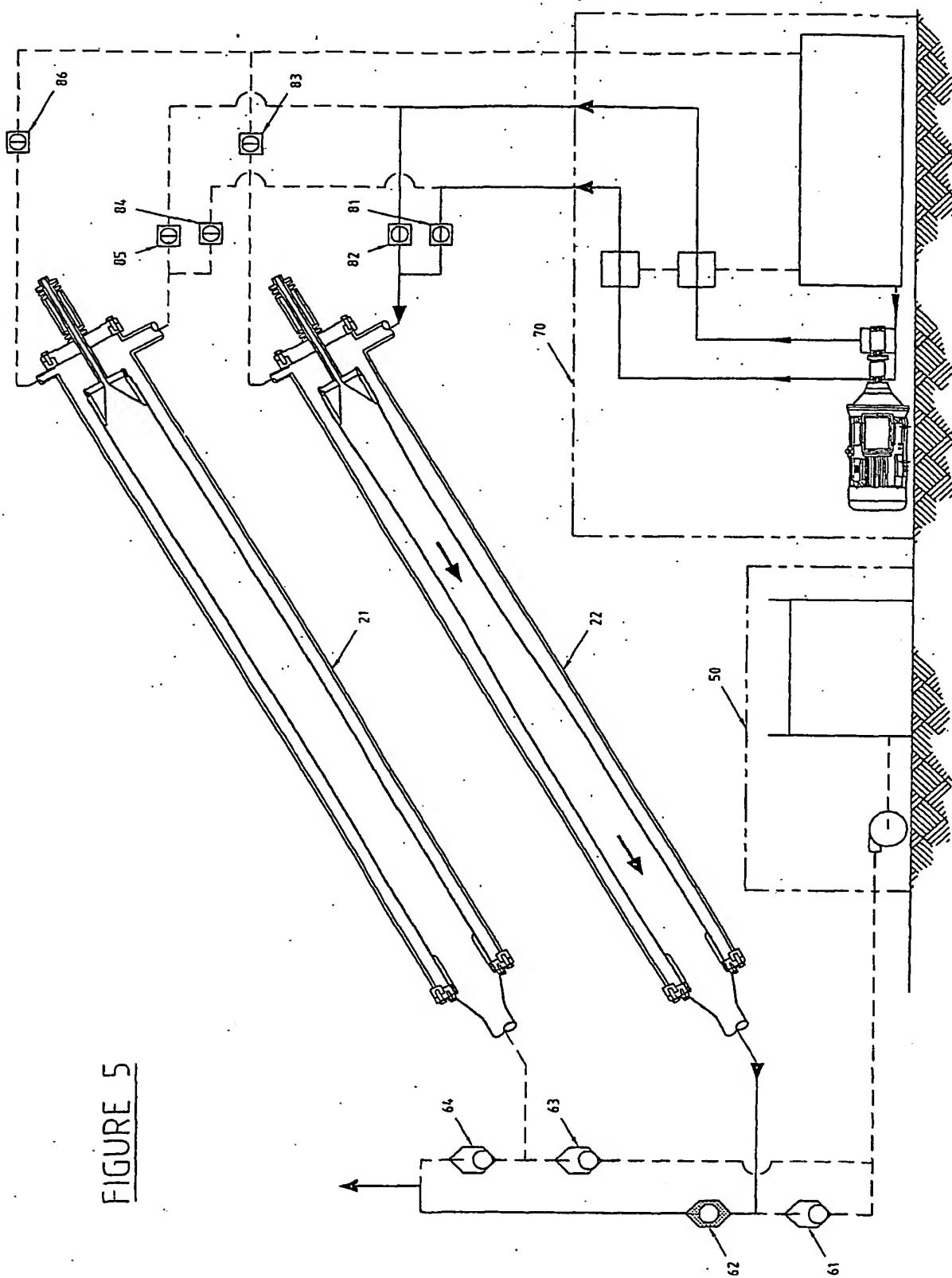


FIGURE 5

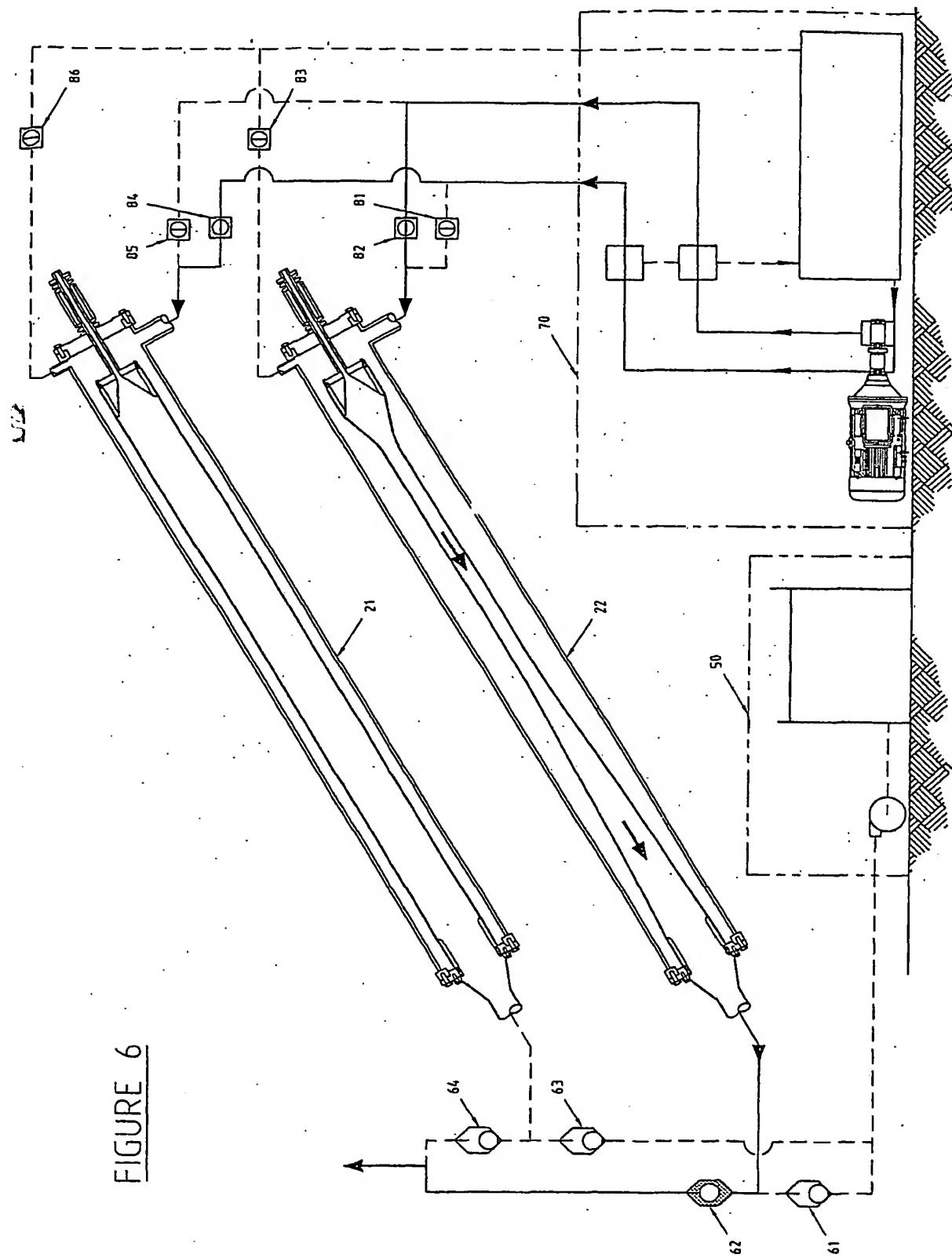
SUBSTITUTE SHEET (RULE 26)

10/522732

WO 2004/011806

PCT/AU2003/000953

6/15



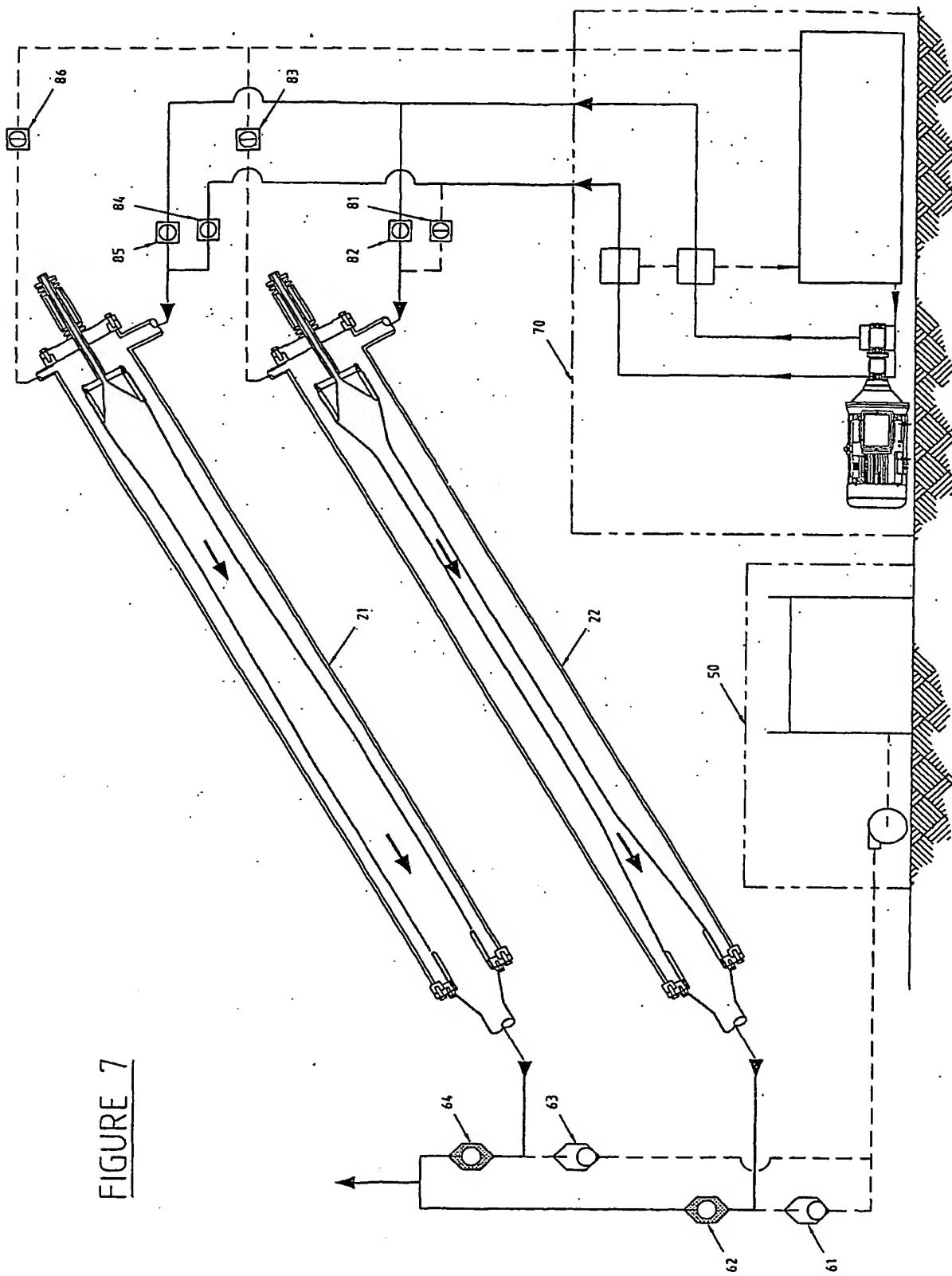
SUBSTITUTE SHEET (RULE 26)

10/522732

WO 2004/011806

PCT/AU2003/000953

7/15



SUBSTITUTE SHEET (RULE 26)

10/522732

WO 2004/011806

PCT/AU2003/000953

8/15

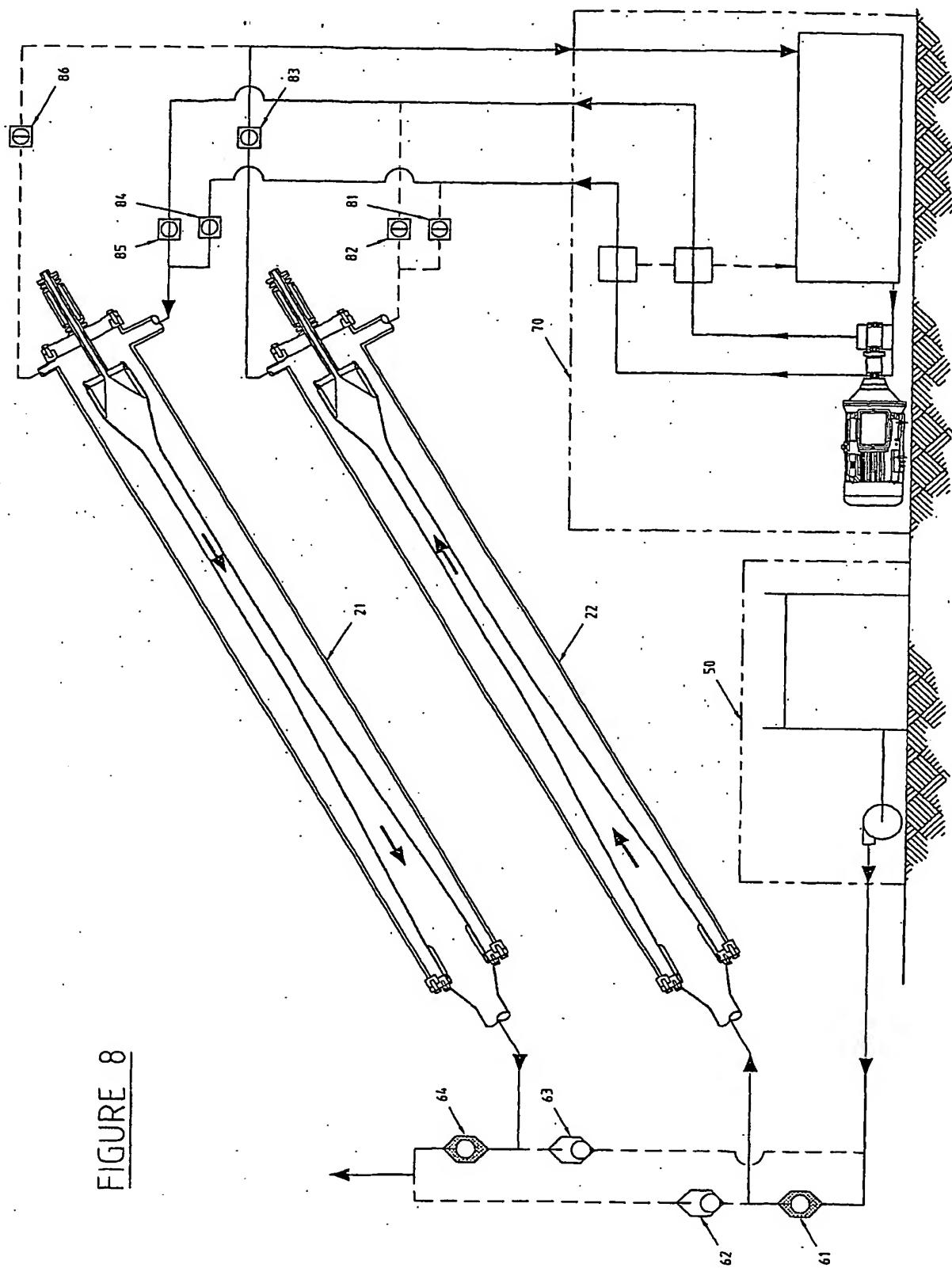


FIGURE 8

SUBSTITUTE SHEET (RULE 26)

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WO 2004/011806

PCT/AU2003/000953

9/15

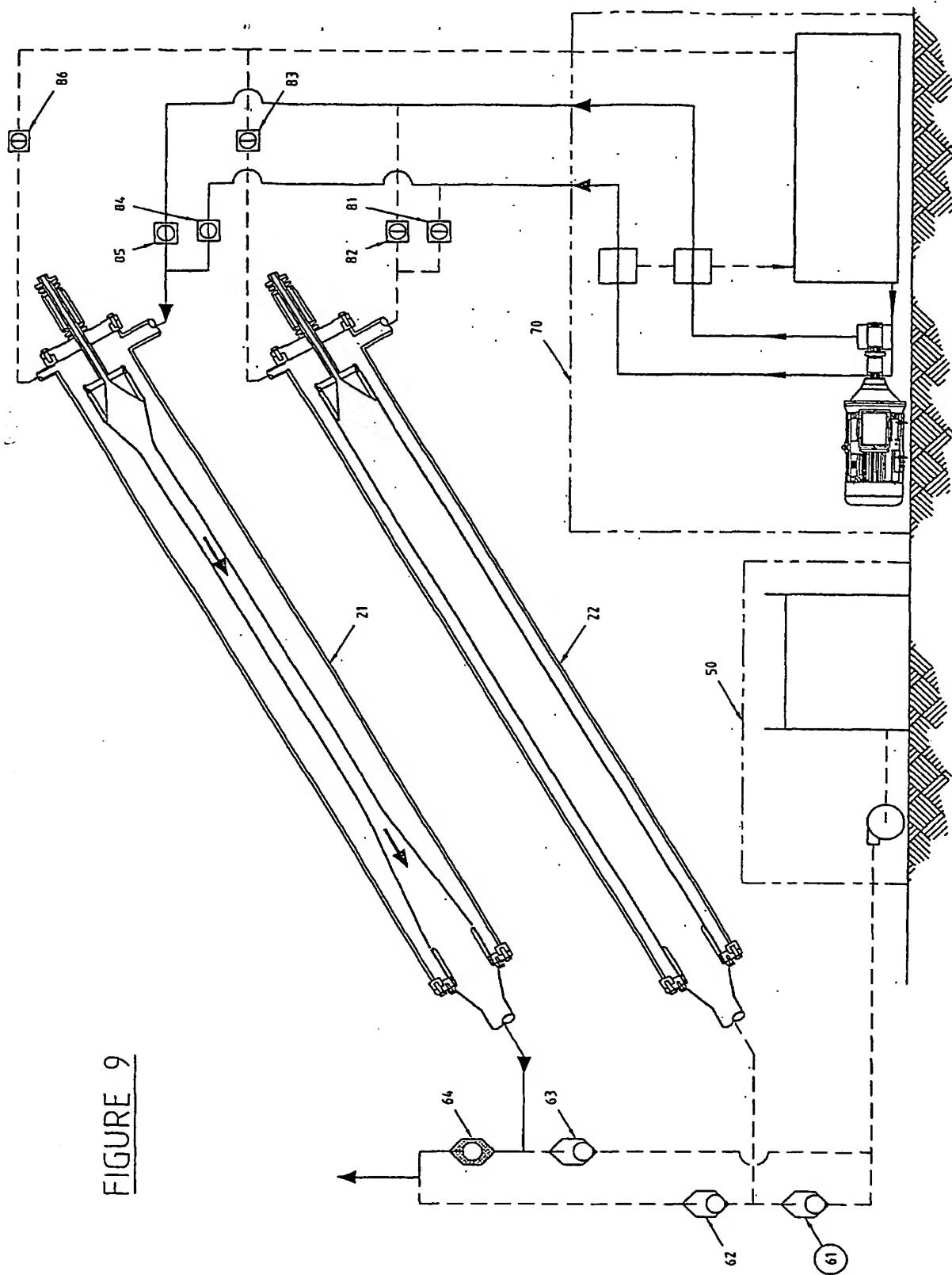


FIGURE 9

10522732

WO 2004/011806

PCT/AU2003/000953

10/15

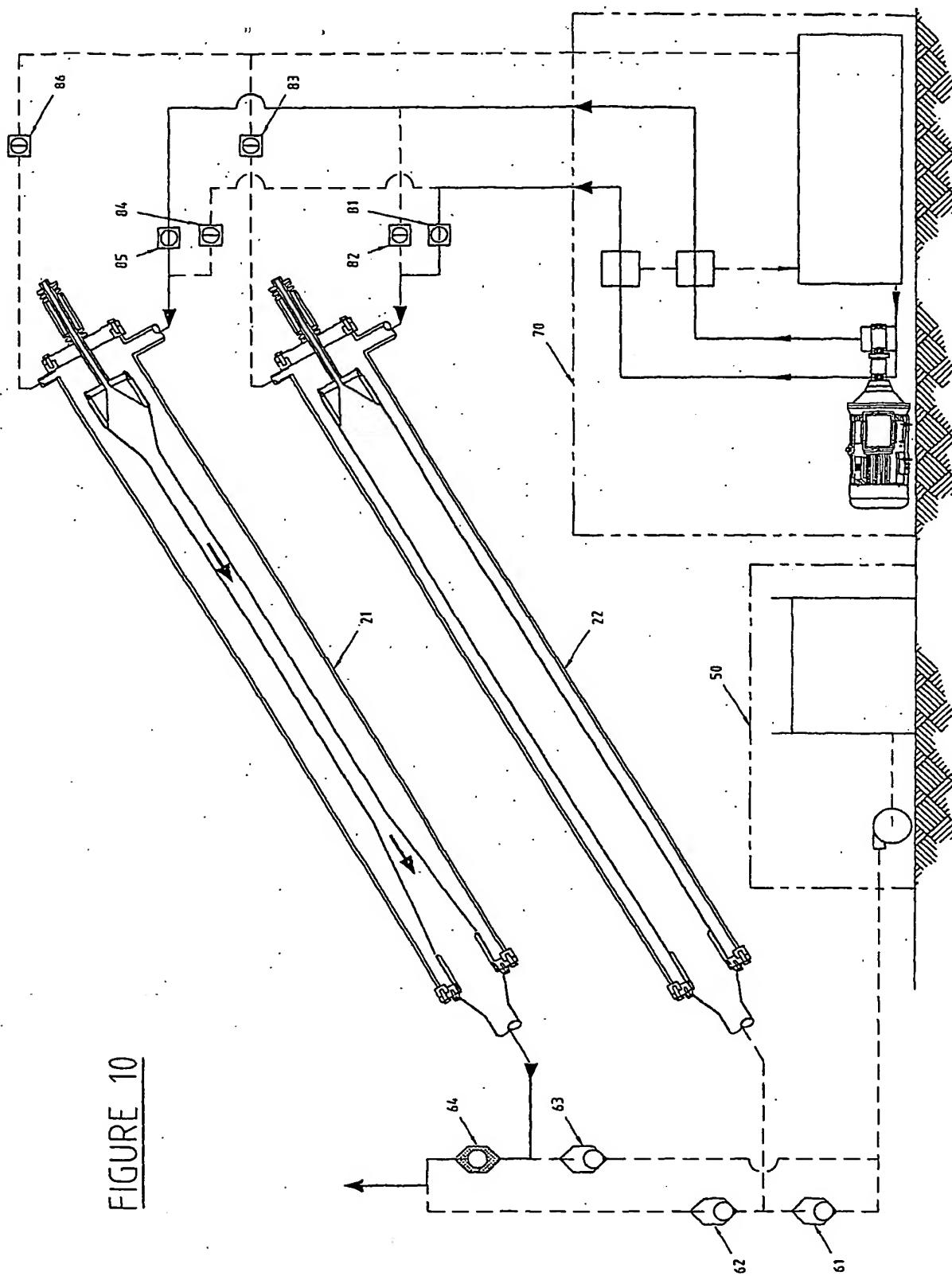


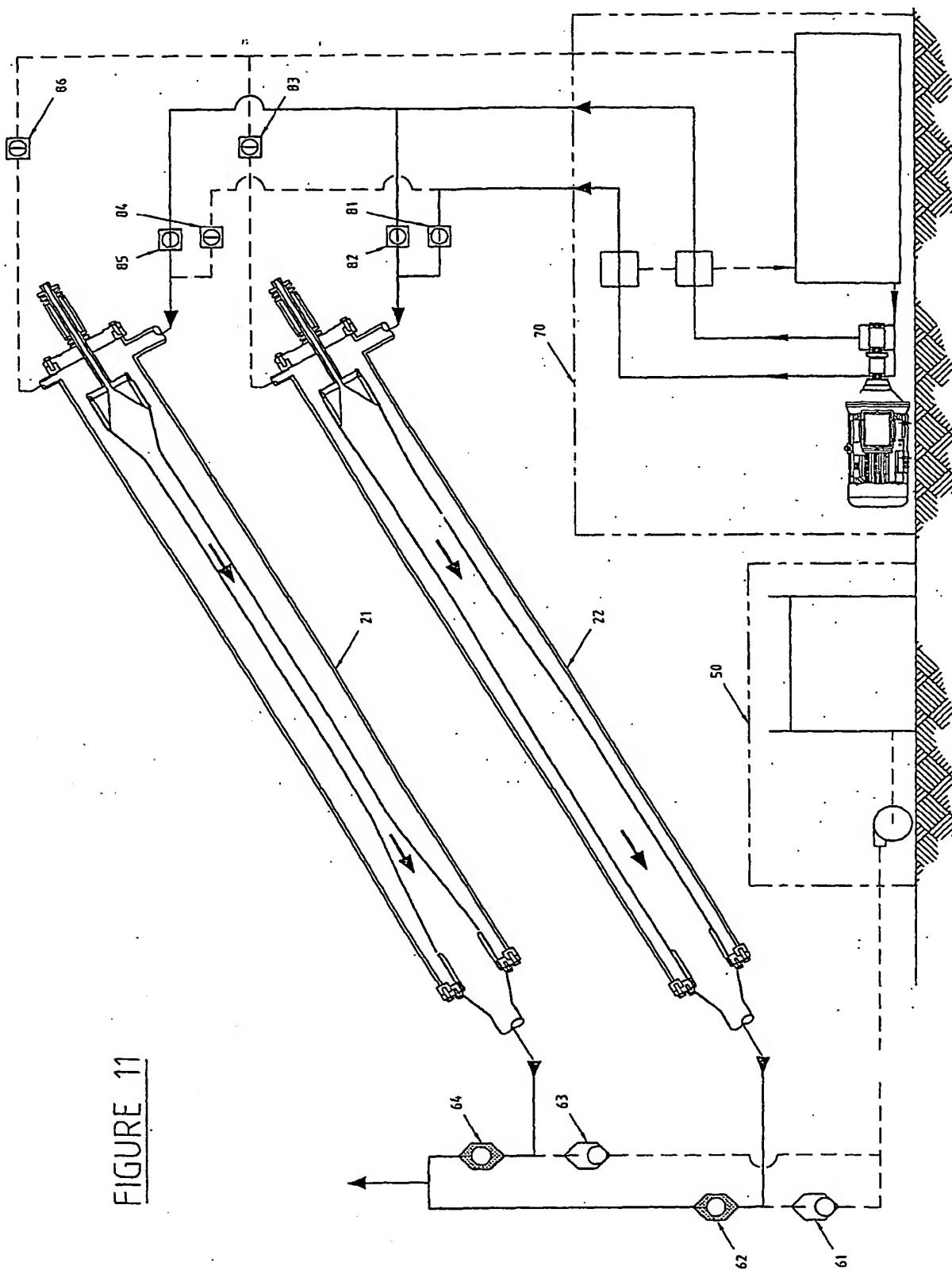
FIGURE 10

10/522732

WO 2004/011806

PCT/AU2003/000953

11/15



SUBSTITUTE SHEET (RULE 26)

WO 2004/011806

PCT/AU2003/000953

12/15

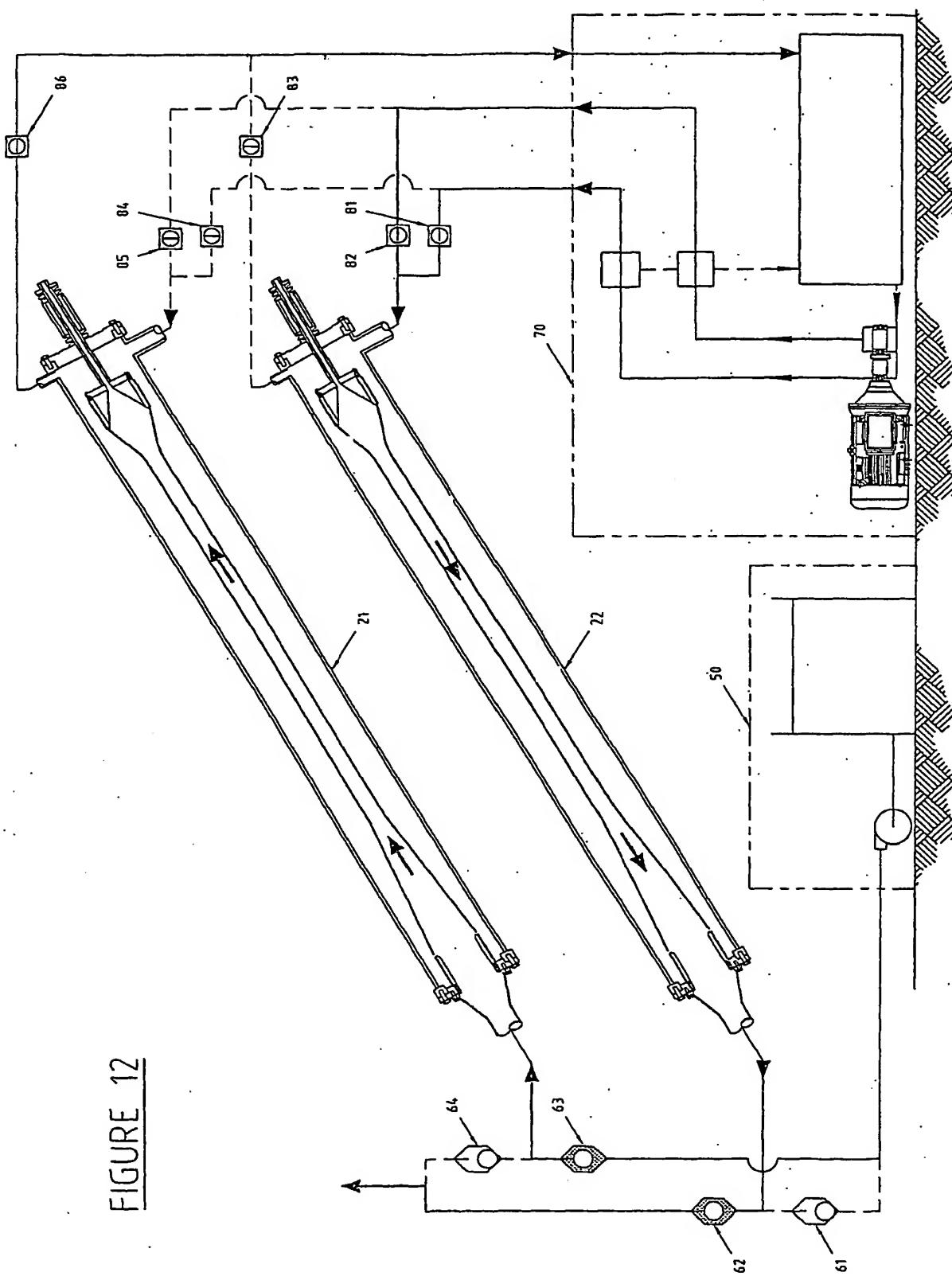


FIGURE 12

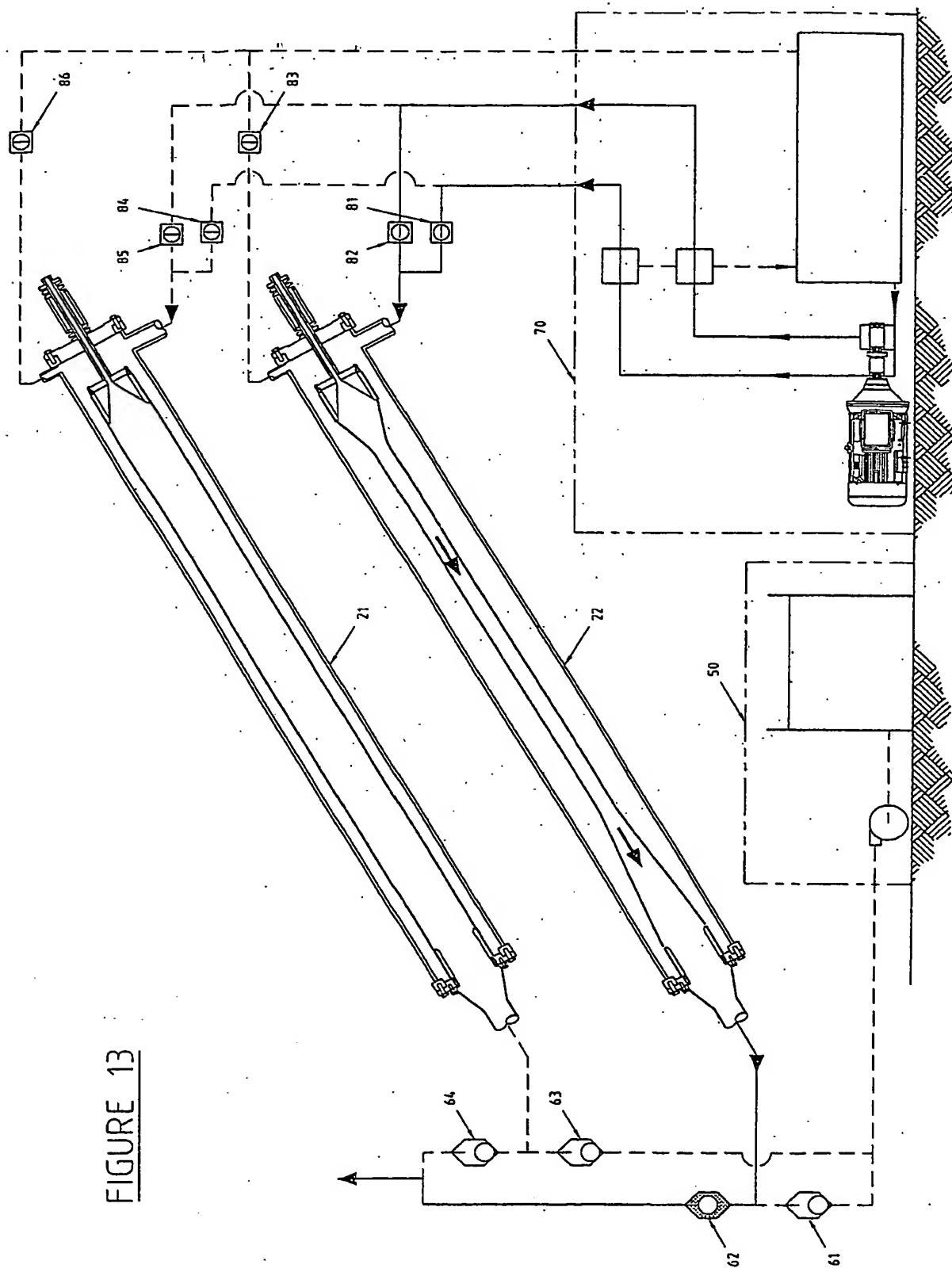
SUBSTITUTE SHEET (RULE 26)

10/522732

WO 2004/011806

PCT/AU2003/000953

13/15

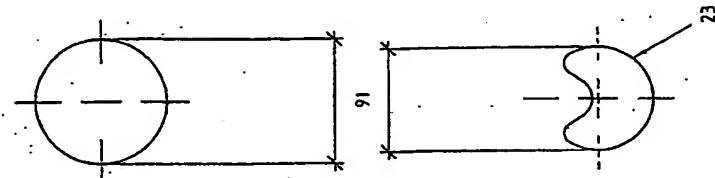
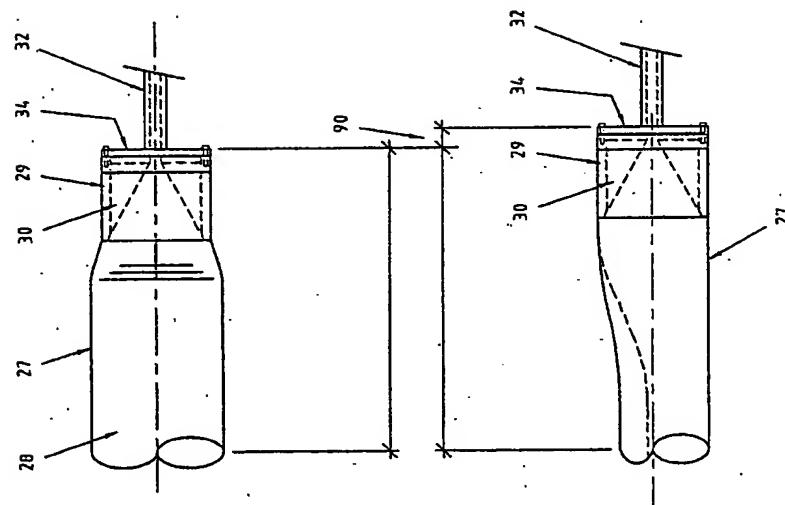


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WO 2004/011806

PCT/AU2003/000953

14/15

FIGURE 15FIGURE 14FIGURE 16

10/522732

WO 2004/011806

PCT/AU2003/000953

15/15

FIGURE 18

Reference	CHAMBER 21			CHAMBER 22			Description
	Valve B4	Valve B5	Valve B6	Valve B4	Valve B5	Valve B6	
Figure 3	Closed	Closed	OPEN	Tube 27 fills, fluid in the Chambers 40, 41 returns to tank until the Tube is FULL	Closed	Closed	OPEN
Control system instrumentation must confirm the Tube 27 FULL status before proceeding to the next step							
Figure 4	Closed	Closed	Closed	Tube 27 remains FULL	Closed	Closed	Chamber 40, 41 is pressurised to the system operating pressure
Figure 5	Closed	Closed	Closed	Tube 27 remains FULL	OPEN	Closed	Pump stroke commences
Figure 6	OPEN	Closed	Closed	Chamber 40, 41 is pressurised to the system operating pressure	Closed	Closed	Pump stroke continues
Figure 7	OPEN	Closed	Closed	Pump stroke commences	OPEN	Closed	Pump stroke finishing
Figure 8	OPEN	Closed	Closed	Pump stroke continues	Closed	Closed	Pump stroke finishing
Figure 9	OPEN	Closed	Closed	Pump stroke continues	Closed	Closed	Tube 27 starts filling and fluid in Chambers 40, 41 returns to tank
Figure 10	Closed	OPEN	Closed	Pump stroke continues	Closed	Closed	Tube 27 is FULL, control system instrumentation must confirm FULL Tube status before proceeding to the next step
Figure 11	Closed	OPEN	Closed	Pump stroke finishing	Closed	Closed	Chamber 40, 41 is pressurised to the system operating pressure
Figure 12	Closed	Closed	Closed	Tube 27 starts filling and fluid in Chambers 40, 41 returns to tank	OPEN	Closed	Pump stroke commences
Figure 13	Closed	Closed	Closed	Tube 27 is FULL, control system instrumentation must confirm FULL Tube status before proceeding to the next step	OPEN	Closed	Pump stroke continues
Sequence repeats from Figure 6							
Figure 6	OPEN	Closed	Closed	Chamber 40, 41 is pressurised to the system operating pressure	OPEN	Closed	Pump stroke continues
Figure 7	OPEN	Closed	Closed	Pump stroke commences	OPEN	Closed	Pump stroke finishing
Figure 8	OPEN	Closed	Closed	Pump stroke continues	Closed	Closed	Tube 27 starts filling and fluid in Chambers 40, 41 returns to tank
Figure 9	OPEN	Closed	Closed	Pump stroke continues	Closed	Closed	Tube 27 is FULL, control system instrumentation must confirm FULL Tube status before proceeding to the next step